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(54) Title: METHODS FOR CULTURING KERATINOCYTES FROM HUMAN EMBRYONIC STEM CELLS

ES → I(Oct4<sup>-</sup>) → II(p63<sup>+</sup>) → III(p63<sup>+</sup>,K14<sup>+</sup>,Bn<sup>+</sup>)

Keratinocyte



Multiplication



Terminal Differentiation  
(Inv<sup>+</sup>)

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(57) Abstract: The invention relates to methods for isolating and culturing human keratinocytes from embryonic stem cells. The methods are useful for producing substantially pure cultures of keratinocytes.